

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	99	input adj2 pulse same threshold near2 current	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 08:23
L5	22	input adj2 pulse same threshold near2 current same laser	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 08:25
L6	5	input adj2 pulse and threshold near2 current same laser same watt	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 08:25
L7	8	input adj2 pulse and threshold near2 current same laser same (watt or W)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 08:29
L8	0	(large or great or big huge) adj2 input adj2 pulse and threshold near2 current same laser	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 08:30
L9	28	(large or great or big huge) adj2 pulse and threshold near2 current same laser	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 08:31
L10	0	(large or great or big huge) adj2 pulse with pump\$4 and threshold near2 current same laser	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 08:31
L20	3	(laser adj2 diode or LD) with output near3 (Watt W) same threshold near2 current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/20 08:45
L21	4	laser with output near3 (Watt W) same threshold near2 current same pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/20 08:45
L22	59	(modulat\$4 adj3 pulse) same threshold near2 current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/20 08:53
L23	2	("3896398"   "4998257").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 09:50
L24	1	(continuous adj2 wave adj2 laser and current adj2 threshold and input adj2 pulse).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/20 10:12

## EAST Search History

S6	7899	(continuous adj2 wave or CW) adj2 laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 13:55
S7	4977	(continuous adj2 wave or CW) adj2 laser and pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 13:36
S8	266	(continuous adj2 wave or CW) adj2 laser and pulse with duty adj cycle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 13:36
S9	18	(continuous adj2 wave or CW) adj2 laser and pulse with duty adj cycle same (nanosecond or nano adj second)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 14:34
S10	84	(continuous adj2 wave or CW) adj2 laser and pulse with duty adj cycle same duration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 14:35
S11	73	S10 not S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 14:35
S12	2	"20040120363"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 15:24
S13	3	siepmann adj threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/22 18:29
S14	228	power adj2 metric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/20 15:38
S15	126	power adj metric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/22 15:38

## EAST Search History

S24	1031	orders adj2 magnitude same pulse same laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/22 16:48
S25	228	orders adj2 magnitude same pulse same laser and (continuous or CW) adj2 laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/22 16:48
S26	2	(continuous adj2 wave or CW) adj2 laser same (pulse or pulsed) same threshold adj2 current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/22 18:32
S27	41	(continuous adj2 wave or CW) adj2 laser and laser same (pulse or pulsed) same threshold adj2 current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/22 18:40
S28	0	(continuous adj2 wave or CW) adj2 laser same determin\$4 with threshold adj3 current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/22 18:41
S29	36	(continuous adj2 wave or CW) adj2 laser same threshold adj3 current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/22 18:41
S30	18	(continuous adj2 wave or CW) adj2 laser same threshold adj3 current and pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/22 18:47
S31	52	(continuous adj2 wave or CW) adj2 laser and threshold adj3 current same (pulse or pulsed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/23 10:35
S32	3790	(continuous adj2 wave or CW) adj2 laser same (pulse or pulsed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/23 10:36
S33	50	(continuous adj2 wave or CW) adj2 laser same input adj2 pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/23 13:20

## EAST Search History

S34	504	(372/29.014-29.015,38.07).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/23 11:58
S35	21	S34 and ((continuous adj2 (wave or wavelength) or cw)) adj2 laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/23 13:14
S36	274	S34 and pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/23 13:14
S37	9	(continuous adj2 wave or CW) adj2 laser same input adj2 (current or voltage) with pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/23 13:21
S38	8	("4663760"   "5127015"   "5177755"   "5448629"   "5488621"   "5526164"   "5548435"   "5966395").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/23 15:58
S39	10685	(continuous adj2 wave or CW) near3 laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 13:55
S40	3274	(continuous adj2 wave or CW) near3 laser same pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 13:55
S41	5	(continuous adj2 wave or CW) near3 laser same pulse same threshold adj2 (current or voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 14:03
S42	1	("5392308").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/01 13:57
S43	75	(continuous adj2 wave or CW) near3 laser same input adj2 pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 14:52

## EAST Search History

S44	4795	dfb adj2 laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 14:39
S45	178	dfb adj2 laser with (CW or continuous adj2 wave)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 14:39
S46	6	(dbr or distributed adj2 feedback) adj2 laser same input adj2 pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 17:00
S47	6	VCSEL same input adj2 pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 17:01
S48	943	laser with input adj2 pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 17:01
S49	220	laser with input adj2 pulse and (continuous adj2 wave or CW)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/01 17:50
S50	108	(determin\$3 or identif\$5 or detect\$4) adj3 threshold adj3 (current or voltage) same laser	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 14:20
S51	5	(determin\$3 or identif\$5 or detect\$4) adj3 threshold adj3 (current or voltage) same laser same pulse	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 14:26
S52	3	(continuous adj2 wave or CW) near3 laser same (PLL or phase adj2 loop adj2 locker)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 14:31
S53	7	(continuous adj2 wave or CW) near3 laser same (PLL or phase adj2 locked adj2 loop)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 14:34
S54	4	S53 not S52	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 14:31
S55	175	laser same (PLL or phase adj2 locked adj2 loop) and (continuous adj2 wave or CW)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 14:34

## EAST Search History

S56	46	laser same (PLL or phase adj2 locked adj2 loop) and (continuous adj2 wave or CW) and input adj2 pulse	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 14:39
S57	59	laser same (PLL or phase adj2 locked adj2 loop) and (continuous adj2 wave or CW) and input near3 pulse	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 14:40
S58	946	input adj2 pulse with laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/19 14:06
S61	297	input adj2 pulse same laser same current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/19 14:07
S62	30	input adj2 pulse same laser same current near3 threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/19 14:41
S63	401	(above or exceed\$4) adj2 current near3 threshold same laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/19 14:41
S64	23	(above or exceed\$4) adj2 current near3 threshold same laser and input adj2 pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/19 14:42
S65	2	(higher) adj2 current near3 threshold same laser and input adj2 pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/19 14:58
S66	1936	(372/25,29.014,29.015,29.02,38.02,38.07).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/19 15:00
S67	308	S66 and threshold adj2 current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/19 15:00

### EAST Search History

S68	42	S66 and threshold adj2 current and input adj3 pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/19 15:08
S69	10	threshold adj2 current same input adj3 pulse with (large or high)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/19 16:21
S70	451	threshold adj2 current same input adj2 current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/19 16:22
S71	28	threshold adj2 current same input adj2 current with pulse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/19 16:22
S72	9	("4398129"   "5151909"   "5265115"   "5363385"   "5452312"   "5455837"   "5659558"   "5740194"   "5825798").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/20 08:21